

Message

From: Joanie Gilbert [gilbertj@monroe.wednet.edu]
Sent: 10/25/2016 2:56:49 PM
To: Moore, Kendall [moore.kendall@epa.gov]
Subject: RE: Completion of SVEC Corrective Action Plan

Kendall,

It is on John and Devlin's calendar for 10:30 AM Pacific time for one hour. If that is not sufficient time, just let me know and I will extend.

Please let me know conference number that Devlin and John should call into when you have time or send invite from your end.

Thanks much.

Joanie

From: Moore, Kendall [mailto:moore.kendall@epa.gov]
Sent: Tuesday, October 25, 2016 7:06 AM
To: Joanie Gilbert <gilbertj@monroe.wednet.edu>
Cc: Ramanauskas, Peter <ramanauskas.peter@epa.gov>; Devlin Piplic <piplicd@monroe.wednet.edu>; Mullin, Michelle <Mullin.Michelle@epa.gov>; Peachey, Robert <peachey.robert@epa.gov>; John Mannix <mannixj@monroe.wednet.edu>
Subject: Re: Completion of SVEC Corrective Action Plan
Let's do Tuesday, November 1 at 10:30 AM Pacific time. That seems to work for all the EPA people.

From: Joanie Gilbert <gilbertj@monroe.wednet.edu>
Sent: Friday, October 21, 2016 12:42:02 PM
To: Moore, Kendall
Cc: Ramanauskas, Peter; Devlin Piplic; Mullin, Michelle; Peachey, Robert; John Mannix
Subject: RE: Completion of SVEC Corrective Action Plan

Kendall,

At this time Devlin and John are both available at the following days/times (all times listed as Pacific time zone):

Monday, Oct. 31st - 9:00 a.m. to 10:00 a.m., or 11:30 a.m. to 2:00 p.m.

Tuesday, Nov. 1st - 10:30 a.m. to noon

I have put the above dates/times on hold on John and Devlin's calendars.

Please let us know if any of these days/times work for you.

Thanks much.

Joanie Gilbert
Operations Dept Coordinator

Monroe School District
200 E. Fremont Street
Monroe, WA 98272
(360) 804-2570
Fax (360) 804-2529

From: Mannix, John [mailto:mannixj@monroe.wednet.edu]
Sent: Friday, October 21, 2016 9:43 AM
To: Moore, Kendall <moore.kendall@epa.gov>; Joanie Gilbert <GilbertJ@monroe.wednet.edu>
Cc: Ramanauskas, Peter <ramanauskas.peter@epa.gov>; Piplic, Devlin <piplicd@monroe.wednet.edu>; Mullin, Michelle

<Mullin.Michelle@epa.gov>; Peachey, Robert <peachey.robert@epa.gov>

Subject: Re: Completion of SVEC Corrective Action Plan

I will ask my office manager to work with you, your team, and Devlin to schedule a time for a discussion during the week of the 31st.

John

John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579



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On Fri, Oct 21, 2016 at 9:32 AM, Moore, Kendall <moore.kendall@epa.gov> wrote:

Ex. 6 Personal Privacy (PP)

Let's talk the week of Oct 31.

Let me know if you have some dates and times available that week. Thanks.

From: Mannix, John [mailto:mannixj@monroe.wednet.edu]

Sent: Thursday, October 20, 2016 4:00 PM

To: Moore, Kendall <moore.kendall@epa.gov>

Cc: Ramanauskas, Peter <ramanauskas.peter@epa.gov>; Piplic, Devlin <piplicd@monroe.wednet.edu>; Mullin, Michelle <Mullin.Michelle@epa.gov>; Peachey, Robert <peachey.robert@epa.gov>

Subject: Re: Completion of SVEC Corrective Action Plan

Just an FYI, as this summer was extremely busy with both the work conducted at Sky Valley and a couple of major school construction/modernization projects, I will be away from the office the week of the 24th.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

John

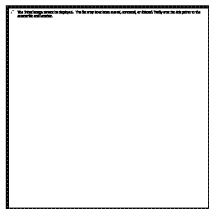
John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579



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On Thu, Oct 20, 2016 at 12:55 PM, Moore, Kendall <moore.kendall@epa.gov> wrote:

Thanks John, Pete is out till Monday and his input is essential in the next phase of this project. Since some PCB caulk remains behind the room ventilators, an approval may be required to leave PCBs in place. Pete and Michelle are the experts in this area so I'll get back to you after I find out their availability. Thanks for your patience.

From: Mannix, John <mannixj@monroe.wednet.edu>

Sent: Tuesday, October 18, 2016 2:42:41 PM

To: Moore, Kendall

Cc: Ramanauskas, Peter; Piplic, Devlin; Mullin, Michelle; Peachey, Robert

Subject: Re: Completion of SVEC Corrective Action Plan

Kendall, et al.,

At this time Devlin and I are both available at the following days/times (all times listed as Pacific time zone):

Wed., Oct. 19th - 10:00 a.m. to 11:00 a.m., or Noon to 1:00 p.m.

Thurs., Oct. 20th - 11:30 a.m. to 1:30 p.m.

Fri., Oct. 21st - 9:00 a.m. to 10:00 a.m.

Otherwise I would be available, without Devlin and therefore possibly unable to answer some details, on the following days/times:

Wed., Oct. 19th - 2:00 p.m. to 4:00 p.m.

Fri., Oct. 21st - 10:00 a.m. to Noon.

Please let us know if any of these days/times work for you.

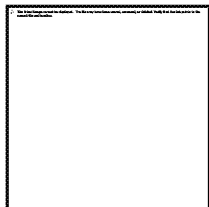
John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579



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On Fri, Oct 14, 2016 at 2:42 PM, Moore, Kendall <moore.kendall@epa.gov> wrote:

John, we'd like to have a conference call soon to bring things current. Preferably early next week. I'm out Monday but the rest of the week is free. Please let us know your schedule.

From: Mannix, John [<mailto:mannixj@monroe.wednet.edu>]

Sent: Friday, October 14, 2016 3:00 PM

To: Ramanauskas, Peter <ramanauskas.peter@epa.gov>

Cc: Piplic, Devlin <piplicd@monroe.wednet.edu>; Moore, Kendall <moore.kendall@epa.gov>; Mullin, Michelle <Mullin.Michelle@epa.gov>; Peachey, Robert <peachey.robert@epa.gov>

Subject: Re: Completion of SVEC Corrective Action Plan

Just heard back from Gregg Middaugh at PBS Environmental. They are waiting on the abatement contractor's closeout records. The abatement contractor has indicated that they are waiting on waste receipts and should receive them soon. I do not have a definite date at this time, but it will hopefully be soon.

John

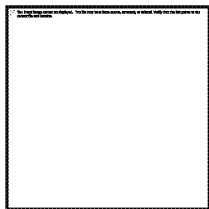
John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579



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On Fri, Oct 14, 2016 at 12:35 PM, Mannix, John <mannixj@monroe.wednet.edu> wrote:

Peter, et al.,

My apologies for not replying sooner.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

I do not have a firm date for the final report at this time, but will contact PBS Environmental and ask them to provide me with one.

Regards,

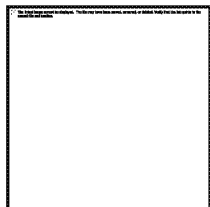
John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579



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On Thu, Oct 6, 2016 at 3:56 PM, Ramanauskas, Peter <ramanauskas.peter@epa.gov> wrote:

Hello John,

When do you anticipate the project final completion report will be ready?

Also, please let us know when you might be free for a check-in call next week.

Thank you,

Peter

From: Mannix, John [mailto:mannixj@monroe.wednet.edu]

Sent: Friday, September 30, 2016 4:32 PM

To: Moore, Kendall <moore.kendall@epa.gov>

Cc: Mullin, Michelle <Mullin.Michelle@epa.gov>; Jeff Ketchel <jketchel@snohd.org>; Deka Smith <smithf@monroe.wednet.edu>; Devlin Piplic <piplcd@monroe.wednet.edu>; Karen Rosencrans <RosencransK@monroe.wednet.edu>; Peachey, Robert <peachey.robert@epa.gov>; Nancy Bernard <Nancy.Bernard@doh.wa.gov>; Amanda Zych <azych@snohd.org>; Kevin Plemel <kplemel@snohd.org>; Ramanauskas, Peter <ramanauskas.peter@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>

Subject: Re: Completion of SVEC Corrective Action Plan

Kendall,

The data has been shared with staff and parents through the district's BoardDocs document management system. As for the pre-abatement wipe samples they were indeed taken to establish a baseline, and those results will be included in the project final report that will be prepared by PBS Environmental. I would be happy to send you a copy when it is ready.

Regards,

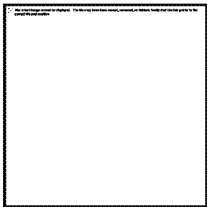
John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579



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On Tue, Sep 27, 2016 at 3:01 PM, Moore, Kendall <moore.kendall@epa.gov> wrote:

Thanks John, can you also tell us if the school has any plans to share data with parents and teachers?

Also, I seem to recall wipe samples were collected from the brick or wood around windows prior to caulk removal, however I don't see any results like that in the report. Am I remembering this right?

From: Mannix, John <mannixj@monroe.wednet.edu>

Sent: Friday, September 23, 2016 4:03:37 PM

To: Mullin, Michelle

Cc: Moore, Kendall; Jeff Ketchel; Deka Smith; Devlin Piplic; Karen Rosencrans; Peachey, Robert; Nancy Bernard; Amanda Zych; Kevin Plemel; Ramanauskas, Peter; Mangino, Mario

Subject: Re: Completion of SVEC Corrective Action Plan

Hello Michelle, et al.,

Answers to your latest questions are in line (below) in dark red.

John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579



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On Thu, Sep 22, 2016 at 2:36 PM, Mullin, Michelle <Mullin.Michelle@epa.gov> wrote:

Dear Mr. Mannix,

Thank you for answering our questions below in your 9/12/16 email and in a separate email on 9/16/16 about your air sampling methodology. We still have a couple of outstanding questions.

1. With regard to your answer about the air sampling methodology, you stated that "the samples were collected on PUF tubes." In the collection procedure document you sent us earlier, section 2.1 states that "Airborne particles may also be collected on a pre-filter". We are curious if a pre-filter was utilized and analyzed along with the PUF.

The sample media was a glass tube with a single PUF plug. No pre-filters were used in the collection/analysis of the air samples. The laboratory Standard Operating Procedure Section 2.1 statement is there i

n case

a pre-filter

is

used and submitted to the lab, however, in our project it was not.

2. Your answer to question 2 on 9/12/16 describes the west wall and associated flooring. We are not clear if that wall is the exterior Annex building or in the small gym. We would like to know the area in square feet that was re-cleaned for both the small gym and the exterior Annex building.

That particular information was related to the small gym. My apologies for any lack of clarity. The only building interior area that required re-cleaning was is in the small gym. The square footage of the small gym area that was re-cleaned is approximately 10'x 96' = Approx. 960 sf.

3. For question 3, understanding the square footage of the area re-cleaned will better inform our understanding of the confirmation sampling rationale.

Sincerely,

Michelle Mullin

PCB Coordinator, US EPA Region 10

From: Mannix, John [mailto:mannixj@monroe.wednet.edu]

Sent: Friday, September 16, 2016 2:13 PM

To: Mullin, Michelle <Mullin.Michelle@epa.gov>

Cc: Moore, Kendall <moore.kendall@epa.gov>; Jeff Ketchel <jketchel@snohd.org>; Deka Smith <smithf@monroe.wednet.edu>; Devlin Piplic <piplicd@monroe.wednet.edu>; Karen Rosencrans <RosencransK@monroe.wednet.edu>; Peachey, Robert <peachey.robert@epa.gov>; Nancy Bernard <nancy.bernard@doh.wa.gov>; Amanda Zych <azych@snohd.org>; Kevin Plemel <kplemel@snohd.org>; Ramanauskas, Peter <ramanauskas.peter@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>

Subject: Re: Completion of SVEC Corrective Action Plan

Michelle, et al.,

Gregg Middaugh of PBS Environmental indicates that "the samples were collected on PUF tubes." If that does not completely answer your question please do let me

know and I will ask him to elaborate or to acquire further clarification from ALS Environmental.

Regards,

John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

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On Wed, Sep 14, 2016 at 3:19 PM, Mullin, Michelle <Mullin.Michelle@epa.gov> wrote:

Hello Mr. Mannix-

Thank you for your quick reply.

From the TO-10A procedure you provided, we were particularly interested in how section 2.1/2.2 of the procedure was followed. Please identify whether you analyzed a particulate filter as well as the PUF.

Thank you,

Michelle Mullin

From: Mannix, John [<mailto:mannixj@monroe.wednet.edu>]

Sent: Tuesday, September 13, 2016 2:41 PM

To: Moore, Kendall <moore.kendall@epa.gov>

Cc: Jeff Ketchel <jketchel@snohd.org>; Mullin, Michelle <Mullin.Michelle@epa.gov>; Deka Smith <smithf@monroe.wednet.edu>; Devlin Piplic <piplicd@monroe.wednet.edu>; Karen Rosencrans <RosencransK@monroe.wednet.edu>; Peachey, Robert <peachey.robert@epa.gov>; Nancy Bernard <nancy.bernard@doh.wa.gov>; Amanda Zych <azych@snohd.org>; Kevin Plemel <kplemel@snohd.org>; Ramanauskas, Peter <ramanauskas.peter@epa.gov>; Mangino, Mario <mangino.mario@epa.gov>

Subject: Re: Completion of SVEC Corrective Action Plan

Kendall, et al.,

Here is the TO-10A procedure utilized by ALS Environmental to analyze the PCB air samples from Sky Valley. I believe this is the last document or clarification that we have been asked to provide. Please let me know if there is anything further we can do to assist you in your evaluation of the completion of our Corrective Action Plan.

Regards,

John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579

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On Mon, Sep 12, 2016 at 2:45 PM, Mannix, John <mannixj@monroe.wednet.edu> wrote:

Kendall, et al.,

I wanted to get this information off to you before the end of your day. The only thing I'm waiting for is the Method TO-10A procedure from the lab. I will forward that as soon as it is received.

In response to the seven questions posed:

1. Final QA/QC data for the wipe samples of small gym floor and exterior of Annex Building

Provided via email on Friday, September 9, 2016.

2. Area (in square feet) of small gym floor and area exterior of Annex building that were re-cleaned

The entirety of the regulated area in question was re-cleaned, not just the containment area or a portion of the containment area. The regulated area included the entire west wall and associated flooring out roughly 10' from the wall. I can have the PBS Environmental technician who was overseeing that work calculate the approximate size of the area if that is of concern.

3. Rational for collecting one sample of the floor in the small gym

The technician taking the samples believed that one sample would be representative of the space. The work practices of the abatement contractor (NorthStar) were closely monitored by staff from PBS Environmental, and followed the Technical Specification developed by PBS Environmental. That 97% of the wipe samples taken came in under the EPA's threshold of 10 ug/100 cm² the first time around -- and that over 90% of them came back as "none detected" -- testifies to the quality and effectiveness of the process and work performed. The two spaces where results came in slightly over the EPA threshold

(12 ug/100 cm² and 13 ug/100 cm²) were immediately re-cleaned and came back as "none detected" in the subsequent confirmation testing.

4. Please report all air sample quantitation limits/reporting limits as ng/m³

Revised air sample reports showing all air sample limits and reporting as ng/m³ provided by ALS Environmental (please see attachments). The other air sample reports contained results in the requested ng/m³ originally.

5. Were the wipe samples collected after caulk removal collected before or after epoxy encapsulation?

The initial set of confirmation wipe samples were collected after the epoxy encapsulant had been applied and allowed to cure for a minimum of 24 hours. Further wipe samples will be taken this winter (December/January time frame), and next summer (July/August time frame), as required by the Corrective Action Plan (item 4: Remediation of PCB Caulk).

6. Explain the filter analysis procedure used for air samples run under Method TO-10A.

To be supplied by ALS Environmental (will forward when received).

7. Also, can you report whether the air samples were collected under normal building HVAC operating conditions?

According to the PBS Environmental technician on site at the time the air samples were conducted, and as verified by Devlin Piplic, the district's Director of Facilities, the air samples were collected under normal operating conditions for the HVAC system.

Please let me know if there are any further clarifications needed.

Regards,

John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579

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On Fri, Sep 9, 2016 at 2:05 PM, Moore, Kendall <moore.kendall@epa.gov> wrote:

Thank you for your completion report. In order to fully evaluate your results EPA requests the following:

1. Final QA/QC data for the wipe samples of small gym floor and exterior of Annex Building
2. Area (in square feet) of small gym floor and area exterior of Annex building that were re-cleaned
3. Rational for collecting one sample of the floor in the small gym
4. Please report all air sample quantitation limits/reporting limits as ng/m³
5. Were the wipe samples collected after caulk removal collected before or after epoxy encapsulation?
6. Explain the filter analysis procedure used for air samples run under Method TO-10A.

From: Mannix, John [mailto:mannixj@monroe.wednet.edu]

Sent: Friday, September 09, 2016 1:57 PM

To: Jeff Ketchel <jketchel@snohd.org>; Mullin, Michelle <Mullin.Michelle@epa.gov>; Moore, Kendall <moore.kendall@epa.gov>

Cc: Deka Smith <smithf@monroe.wednet.edu>; Devlin Piplic <piplicd@monroe.wednet.edu>; Karen Rosencrans <RosencransK@monroe.wednet.edu>; Nancy Bernard <nancy.bernard@doh.wa.gov>; Amanda Zych <azych@snohd.org>; Kevin Plemel <kplemel@snohd.org>

Subject: Re: Completion of SVEC Corrective Action Plan

Attached please find the revised notice of completion of the Corrective Action Plan for Sky Valley Education Center. I am not re-sending the twenty attachments containing the lab results and chain of custody documents. Those are all still valid and appropriate. I am therefore simply adding the two new documents related to the re-testing of the PCB wipe test results that previously exceeded 10 ug/100 cm².

Respectfully,

John Mannix

Assistant Superintendent for Operations

200 E. Fremont Street

Monroe, WA 98272

(360) 804-2579

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